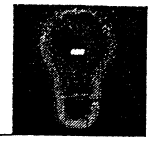


QS/Info 019
Intern/International

Motherboard TOMATO II Rev: C2
BIOS/Jumper Einstellungen - Montage Hinweise

1) Erkennung der neuen Motherboard:

- Beschriftung auf der Motherboard (in der Mitte): **REV:C2**
- Beim Hochstarten erscheinen am Bildschirm folgende Daten:

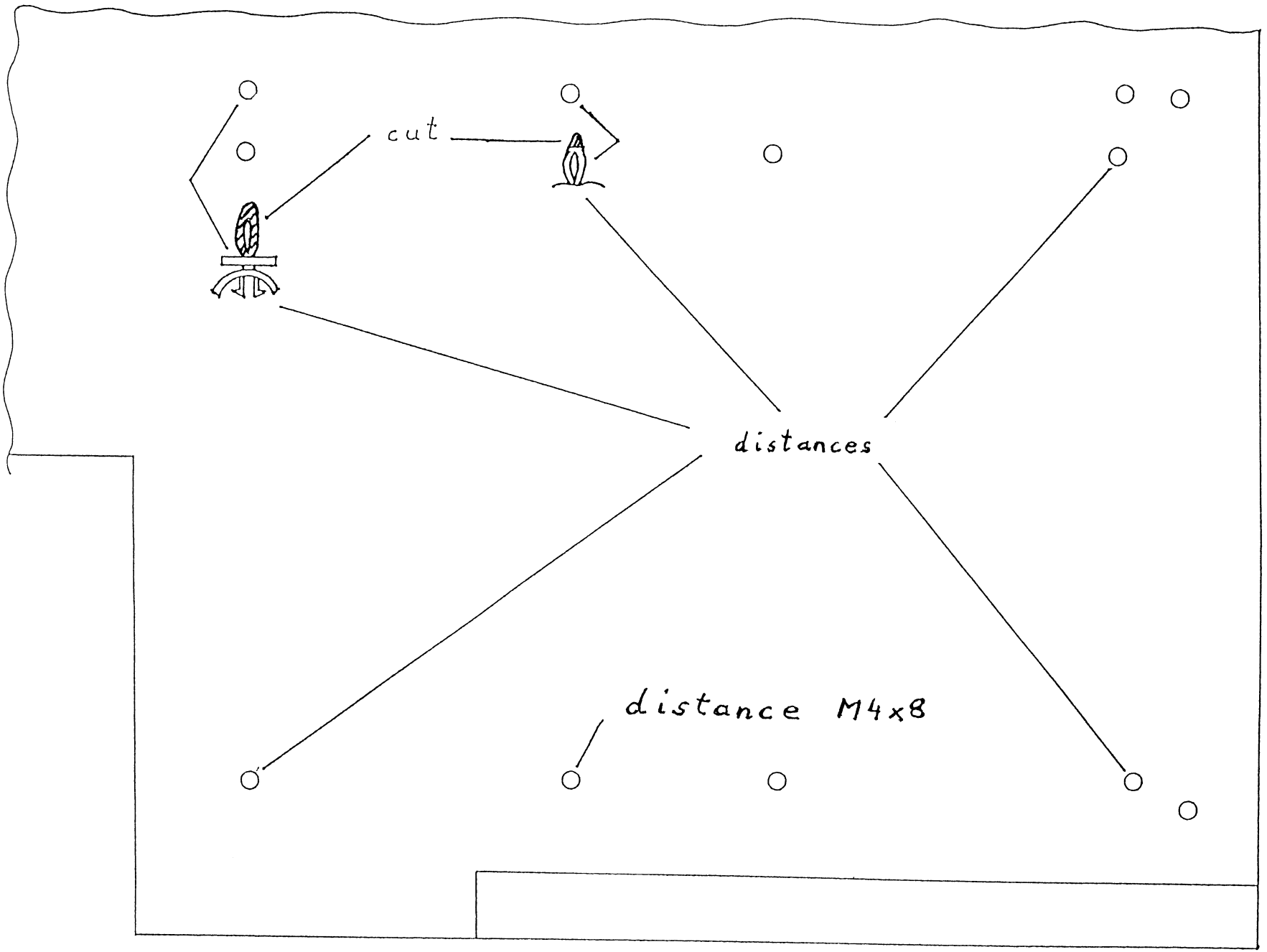
Award Modular Bios v 4.51G, an Energy Star Ally
Copyright © 1984-95, Award Software, Inc.
486E 96/7/19 W83787 PLUG & PLAY BIOS

2) Montagehinweise:

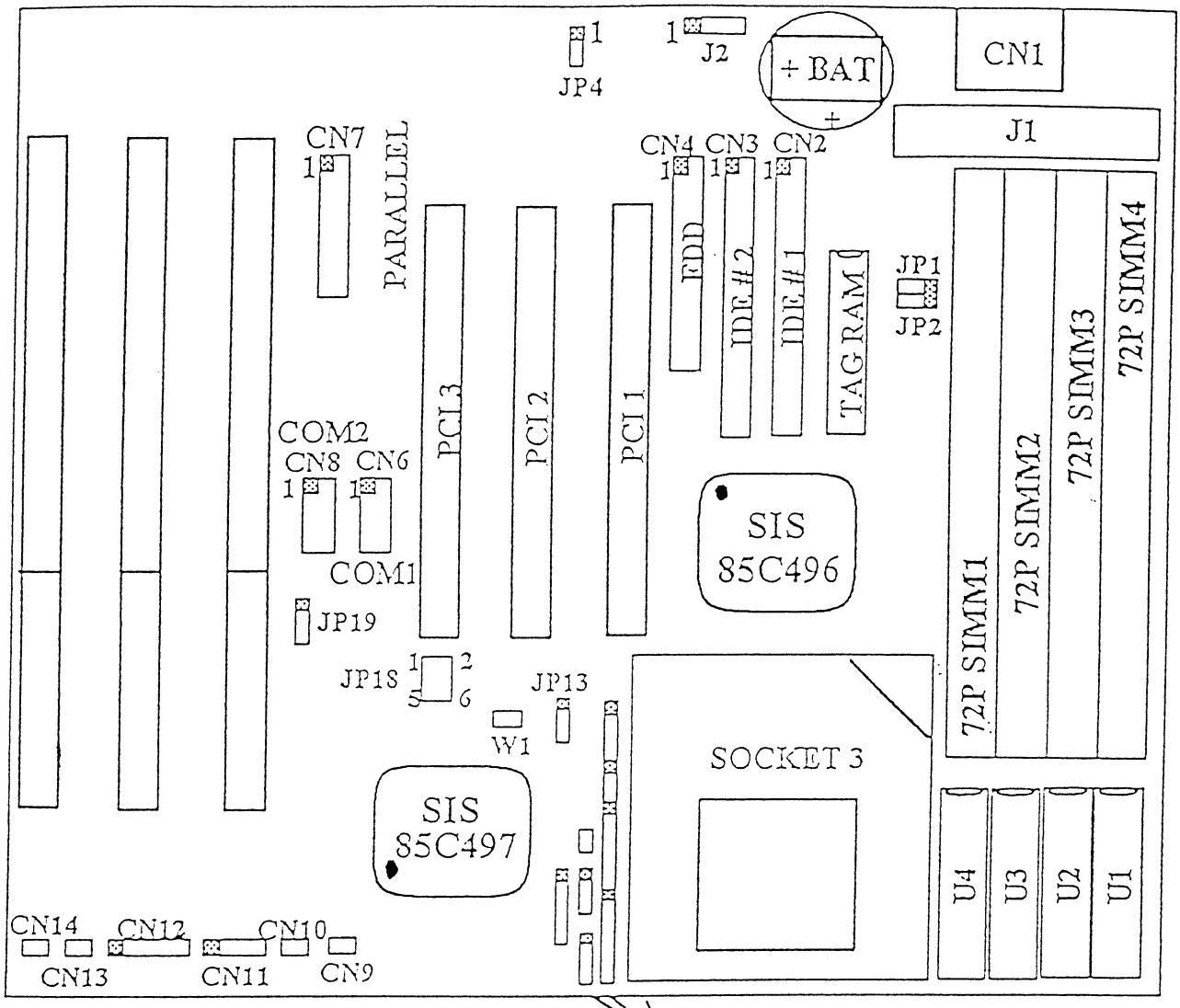
ACHTUNG! Beim Tauschen der Motherboards sind auch die mitgelieferten Schnittstellenkabeln, jene zwei Kabeln mit 10pol. Buchsenstecker und Metallblenden, zu wechseln.

Das Wechseln des Flachbandkabels für die Festplatte ist nicht erforderlich.

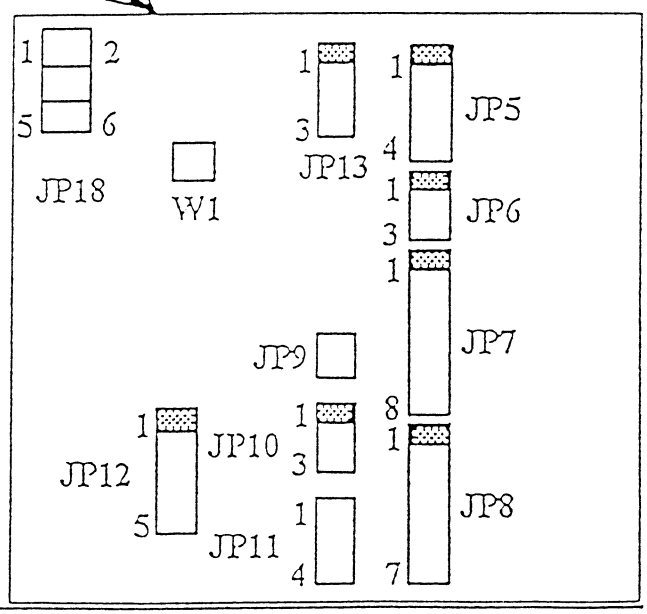
Skizze 1 zeigt die richtige Plazierung der Abstandhalter (Kunststoff) und Distanzhalter M4 x 8


cut
distances
distance M4x8

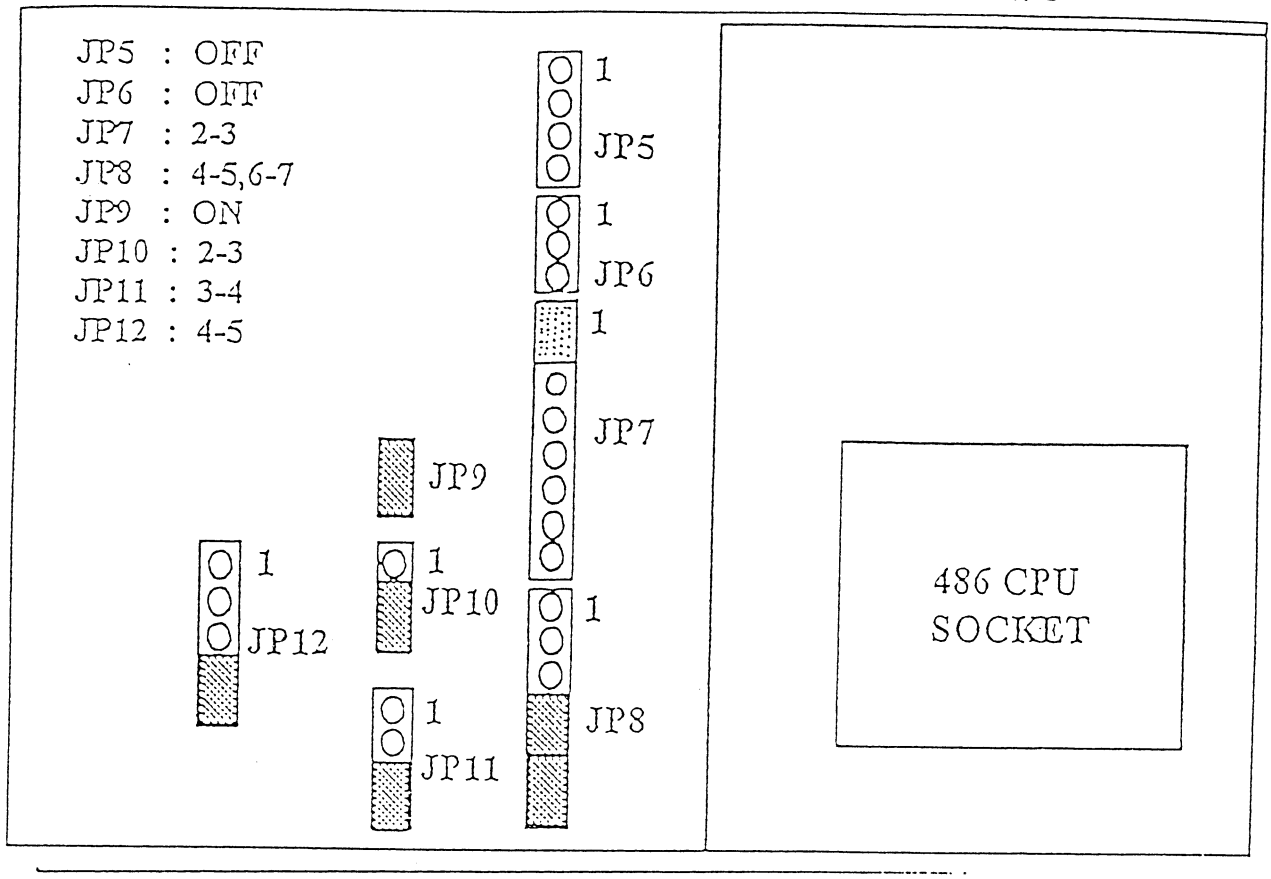
3) Jumper Settings:



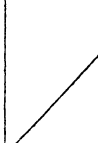
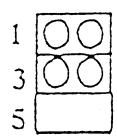
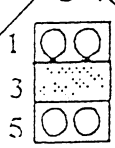
CN9 : HDD LED
CN10 : RESET
CN11 : SPEAKER
CN12 : KEYLOCK
CN13 : TURBO SWITCH
CN14 : TURBO LED



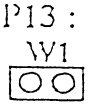
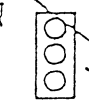
(D) INTEL-SLE 486 DX/DX2/DX4 & 486 OVER DRIVE CPU



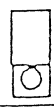
1. JP18 : CPU CLOCK SELECTOR (RED JUMPER CAP)

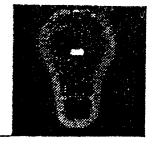
	(25 MHZ) 486DX-25 486DX2-50,P24T-63 486DX4-75	(33 MHZ) 486DX-33, 486DX2-66 P24T-83, 486DX4-100 5X86-100, 5X86-133	(40 MHZ) 486DX-40,486DX2-80 486DX4-120 CYRIX 5X86-120
JP18	~~ON~~ 	5-6 	~~3-4~~ 

2. JP13,W1 : 3V/4V/5V CPU VOLTAGE SELECTOR (YELLOW JUMPER CAP)

	INTEL/AMD/Cyrix/TI (3V)	~~Cyrix DX2-80 (4V)~~	~~ALL 5V CPU & P24T-63/83 486 ODP~~
W1	JP13 : 1-2 	JP13 : 2-3	W1 : ON 
JP13			

3. JP4 : BATTERY SELECTOR (BLACK JUMPER CAP)

	NORMAL	~~RTC DISCHARGE~~
JP4	JP4 : 1-2 	JP4 : 2-3



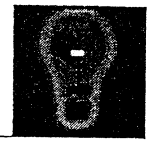
3) BIOS Settings:

Standard CMOS Setup:

```
Date (mm:d:yy)     :  Web, Oct 15 1997
Time (hh:mm:ss)    :  10 : 27 : 52

HARD DISKS          TYPE    SIZE    CYLS    HEAD    PRECOMP   LANDZ     SECTOR    MODE

PRIMARY MASTER     : User    528     1024      16          0       0         63    NORMAL
PRIMARY Slave      : None      0        0       0          0       0          0
Secondary Master   : None      0        0       0          0       0          0
Secondary Slave    : None      0        0       0          0       0          0

Drive A     :   None
Drive B     :   None

Video       :   EGA/VGA
Halt On     :   All, But Keybord
```

BIOS Features Setup Menu:

```
Virus warning              : Disabled          Video Bios Shadow    : Enabled
CPU Internal Cach          : Enabled           C8000-CFFFF Shadow   : Disabled
External Cache             : Enabled           D0000-D7FFF  Shadow  : Disabled
Qick Power On Self Test    : Enabled           D8000-DFFFF  Shadow  : Disabled
Boot Sequence              : C , A
Swap FloppDriver           : Disabled
Boot Up Floppy seek        : Disabled
Boot Up NumLock Status     : On
Boot Up System Speed       : High
Gate A20 Option            : Fast
Typematic Rate Setting     : Disabled
Typematic Rate (Char/Sec)  : 6
Typematic Delay (Msec      : 250
Security Option            : Setup
PCI/VGA Pallette Snoo      : Disabled
OS Select for DRAM > 64MB  : Non - OS2
```

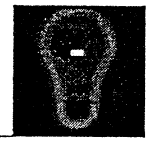


Chipset Features Setup Menu:

Auto Configuration	: Disabled	Onbord 496 IDE Port	: Prim
		IDE 0 Master Mode	: Auto
ISA Bus Clock	: 7.159MHz	IDE 0 Slave Mode	: Auto
LBD Sample Point	: End of T2	IDE 1 Master Mode	: Auto
		IDE 1 Slave Mode	: Auto
Cache Write Cycle	: 2 CCLK	IDE Prefetch Read Buffer	: Disable
Cache Burst Read Cycle	: 2 CCLK	IDE HDD Block Mode	: Disable
L2 Cache/Dram Cycle WS	: 2 CCLK	Onboard FDD Controller	: Disable
		Onboard Serial Port 1	: COM1 / 3F8
DRAM RAS to CAS Delay	: 3 CCLK	Onboard Serial Port 2	: COM2 / 2F8
DRAM Write Cycle	: 1 WS	Onboard Parallel Port	: 378H
DRAM Write CAS Paline	: 2 CCLK	Onboard Parallel Mode	: Normal
DRAM CAS Precharge Time	: 1 CCLK		
DRAM RAS to MA Delay	: 2 CCLK		
DRAM Speed	: Faster		
DRAM Slow Reflesh	: Disable		
L2 Cache Policy	: Write Back		
L2 Cache Tag Bits	: 8 bits		

Power Management Setup Menu:

Power Management	: Disable	IRQ4 (COM1)	:Enable
PM Control by Apm	: Yes	IRQ5 (LPT2)	:Enable
Video off Option	: Sasp,Stby->Off	IRQ6 (Floppy Disk)	:Enable
Video off Method	: V/H SYNC+Blank	IRQ7 (LPT1)	:Enable
		IRQ8 (RTC Alarm)	:Disable
PM Timers		IRQ9 (IRQ2 Redir)	:Enable
HDD Off After	: Disable	IRQ10 (Reserved)	:Enable
Doze Mode	: Disable	IRQ11 (Reserved)	:Enable
Standby Mode	: Disable	IRQ12 (PS/2 Mouse)	:Enable
		IRQ13 (Compressor)	:Enable
PM Events		IRQ14 (Hard Disk)	:Enable
		IRQ15 (Reserved)	:Enable
PCI Master Activity	: Enable		
Com Ports Activity	: Enable		
LPT Ports Activity	: Enable		
HDD Ports Activity	: Enable		
DMA Ports Activity	: Enable		
VGA Activity	: Disable		
IRQ3 (COM2)	: Enable		



PCI Configuration Setup:

```
Slot 1    Using INT#          : AUTO
Slot 2    Using INT#          : AUTO
Slot 3    Using INT#          : AUTO


1st Available IRQ             : 9
2nd Available IRQ             : 10
3rd Available IRQ             : 11
4th Available IRQ             : 12
PCI IRQ Actied By             : Level
PCI IDE 2nd Channel           : Enable
PCI IDE IRQ Map To            : ISA
Master Arbitration Protocol   : Weak
CPU->PCI Mem Post Write Buf   : Enabled CPU->Memory Burst Write     : Enabled
PCI Master Burst Read/Write   : Enabled
```